

What is claimed is:

1        1. An etch/strip apparatus integrated with cleaning equipment,  
2 comprising:

3              an etching line for etching and cleaning a substrate;

4              a stripping line for stripping the substrate; and

5              a cleaning line installed on the stripping line to clean and dry  
6 the substrate.

1        2. The apparatus as claimed in claim 1, further comprising:

2              an elevator for conveying the substrate from the stripping line to  
3 the cleaning line.

1        3. The apparatus as claimed in claim 1, further comprising:

2              a transfer for moving the substrate from the etching line to the  
3 stripping line.

1        4. The apparatus as claimed in claim 1, further comprising:

2              a loader for feeding the substrate to the etching line; and

3              a unloader for receiving the substrate from the cleaning line.

1        5. The apparatus as claimed in claim 1, wherein the etching line

2 includes:

3              an etch module for etching the substrate from the loader; and

4           a rinse module for cleaning the substrate fed from the etch  
5       module.

1       6. An integrated etch/strip/clean apparatus, comprising:  
2           an etching line for etching and cleaning a substrate;  
3           a stripping line for stripping said substrate; and  
4           a cleaning line integrated with said etching and stripping lines  
5       to clean and dry the substrate.

1       7. The apparatus of claim 6, wherein said cleaning line is  
2       installed on said stripping line.

1       8. The apparatus of claim 6, wherein said etching line includes:  
2           an etch module; and  
3           a rinse module connected to said etch module.

1       9. The apparatus of claim 6, further comprising:  
2           a transfer module to transfer said substrate from said etching  
3       line to said stripping line.

1       10. The apparatus of claim 9, wherein said transfer module  
2       includes:  
3           a pipe shower.

1       11. The apparatus of claim 6, further comprising:  
2           an elevator to transfer said substrate from said stripping line to  
3           said cleaning line.

1       12. The apparatus of claim 6, further comprising:  
2           a loader for loading the substrate to the etching line; and  
3           a unloader for unloading the substrate from the cleaning line.

1       13. The apparatus of claim 12, wherein said loader includes at  
2           least one of a conveyor and a robot.

1       14. The apparatus of claim 12, wherein said unloader includes  
2           at least one of a conveyor and a robot.